



US PRODUCT DATA SHEET
AWL®STAR GOLD LABEL ANTI-FOULING
(See Stock List for Code Numbers)

Features & Uses

For use below the waterline only. Unique cleaning mechanism prevents permanent attachment of slime and all other types of fouling organisms. Eliminates the need to dive and scrub. Self polishing surface "ablates" away at a controlled rate that reduces the drag on the underwater hull and increases speed. Excellent static fouling protection. Ideal for use where serious fouling conditions are encountered. Recommended for use where extended dry-docking intervals are required. Tin-free. Extended shelf-life. For use on fiberglass, steel, or wood hulls. Do not use on aluminum.

Specification Data

Type: Tin-free Polypeptide Co-Polymer Packaging: Available in 1 gallon and 1 quart containers.

Active Ingredients:	BP501	BP201, BP401, BP502, BP70	BP802
Cuprous Oxide:	40.36*	44.15*	17.0*
*(Metallic Copper Equivalent)	(35.56%)	(38.95%)	(15.54%)
Inert Ingredients:	59.64	55.85	83.0
	100%	100%	100%

Theoretical Coverage - Sq. Feet/Gallon: 780 Sq. Feet (72m²) at 1 mil dry (25 microns); 65 Sq. Feet (6m²) at recommended dry film thickness: 12 mils (300 microns) 3 to 4 coats.

Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size, and application environment.

Recoatability: With itself; 4 hours minimum at 77°F/50% R.H. No maximum recoat time. To Launch: 77°F/50% R.H.: 5 hours minimum, 24 hours preferred.

No maximum launch time.

VOC: 388 g/l or 3.2lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

Charcoal Black	BP201
Medium Green.....	BP401
Light Blue	BP501
Deep Blue	BP502
Red	BP701
Reducer.....	T0101
Equipment Cleaning	T0101 or T0093 Reducers or M.E.K.

Application Equipment

Conventional or airless spray, brush, or roller. Pressure feed equipment required for spray application.

Airless Equipment

Graco or Binks equivalent: :

Orifice Size.....028" – .043"

Fan size & Angle.....8" – 80°, or 6" – 60°

On a 25-1 pump, the input pressure gauge should read 70 to 80 lbs.

On a 40-1 pump, the input pressure gauge should read 50 to 60 lbs.

Pressure Pot

Spray gun.....#95

Fluid nozzle.....#68SS (.110" Orifice size)

Fluid needle.....#668

Air nozzle.....#68PB

Pressure gauge should read 15-25 lbs. Atomizing pressure 50+ lbs.

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High Volume Low Pressure Guns

Binks MACH 1 or equivalent pressure pot:

Fluid nozzle.....#905 or 909 (0.89" and .111")

Fluid needle.....#54-4382

Air Nozzle.....905-907P

Surface Preparation

New Applications: Prime with HULL-GARD Epoxy Primer D6070/D3707. Apply first coat of AWLSTAR GOLD LABEL according to recommended recoat times (see Hull-Gard Epoxy Primer Product Datasheet).

Renewing AWLSTAR: Power wash as soon as the boat comes out of the water, allow to dry. Sanding is not normally required but a thorough 80 grit sanding is advised under any of the following conditions:

- Any time the cleanliness of the surface is in doubt.
- Fast boats which have ablated to a very smooth surface.
- Sailboats which were recently burnished.
- The surface was not power washed immediately after hauling.

Mixing & Reduction

Check for settling, then thoroughly mix until a consistent homogenous blend is obtained. Power mixers or shakers are preferred. If not available, thorough hand mixing is acceptable. Reduction is not normally recommended. However, if needed for conventional air atomized spray equipment or brush/roller application, 10% or 12 oz. per gallon with T0101 is a recommended maximum reduction.

Induction Time after Mixing:N/A

Anticipated Pot Life at 77°F/50% R.H.: N/A

Application Instructions

AWLSTAR GOLD LABEL can be applied by airless spray, brush, rollers, or air atomized spray. Apply heavy coats of 9 mils WFT per coat, yielding 4 mils DFT per coat.

For maximum anti-fouling performance and protection apply a minimum of 3 coats of AWLSTAR GOLD LABEL Anti-Fouling. Optimum performance is achieved at a total dry film thickness of 12 mils. One gallon of AWLSTAR GOLD LABEL Anti-Fouling is required for each 65 square feet of below the waterline hull area to achieve 12 mils DFT. To provide a built-in indicator of when it is time to renew your AWLSTAR GOLD LABEL Anti-Fouling, apply the first coat in a different color from the remaining coats. When you can see the first color showing through, it is time to renew. Extra protection and more uniform wear properties result when 1 or 2 extra coats of AWLSTAR GOLD LABEL Anti-Fouling are applied to high wear areas.

Warning: Important, AWLSTAR GOLD LABEL Anti-Fouling must not be used on aluminum.

Do not apply paint materials to surfaces warmer than 105°F or colder than 45°F. Do not attempt to cure products at temperatures below 45°F.

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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